

WHAT IS CLAIMED IS

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1. An integrating document management system comprising:

a plurality of databases;

a plurality of data processing parts provided

10 for respective ones of said plurality of databases and processing data of the databases;

a user interface part providing an interface for a user; and

a connecting part for connection between said

15 user interface part and plurality of data processing parts.

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2. The system claimed in claim 1, wherein said user interface part comprises a display part displaying data concerning said plurality of databases; and an instructing part for the user to give

25 instructions for processing data of said plurality of

databases.

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3. The system as claimed in claim 1, wherein
the connecting parts corresponding to respective ones of
said plurality of databases have a standardized
interface against said user interface part.

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4. The system as claimed in claim 1, wherein
15 said user interface part performs connection and
disconnection of the connecting parts corresponding to
respective ones of said plurality of databases.

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5. The system as claimed in claim 1, wherein
said user interface part obtains information indicating
whether or not instructions for manipulating data of the
25 databases are supported or allowed by said databases

from the corresponding connecting parts.

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6. The system as claimed in claim 1, wherein
said user interface part uses graphic items representing
data of the databases.

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7. The system as claimed in claim 6, wherein
said user interface part obtains graphic data used for
15 displaying the graphic items representing data of the
databases from the corresponding connecting part.

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8. An information processing apparatus
comprising:

a user interface part providing an interface
for a user; and

25 a connecting part for connection between said

user interface part and a plurality of data processing parts provided for respective ones of a plurality of databases and processing data of the databases.

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9. A computer-readable recording medium having programs recorded therein, said programs causing 10 a computer to function as:

user interface means for providing an interface for a user; and

connecting means for connection between said user interface means and a plurality of data processing 15 means provided for respective ones of a plurality of databases and processing data of the databases.

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10. The recording medium as claimed in claim 9, wherein said user interface means comprises display means displaying data concerning said plurality of databases; and instructing means for the user to give 25 instructions for processing data of said plurality of

databases.

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11. The recording medium as claimed in claim
9, wherein said connecting means corresponding to
respective ones of said plurality of databases has a
standardized interface against said user interface means.

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12. The recording medium as claimed in claim
15 9, wherein said user interface means performs connection
and disconnection of the connecting means corresponding
to respective ones of said plurality of databases.

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13. The recording medium as claimed in claim
9, wherein said user interface means obtains information
indicating whether or not instructions for manipulating
25 data of the databases are supported or allowed by said

databases from the corresponding connecting means.

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14. The recording medium as claimed in claim
9, wherein said user interface means uses graphic items
representing data of the databases.

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15 14. The recording medium as claimed in claim
14, wherein said user interface means obtains graphic
data used for displaying the graphic items representing
data of the databases from the corresponding connecting
means.

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16. A document management system comprising:
a managing part managing a plurality of
documents each comprising one or a plurality of
25 sections; and

a part creating a name of each section of plurality of sections of a document, said name comprising a name of said document.

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17. The system as claimed in claim 16, further comprising:

10 a specifying part for an operator to specify an index type,

wherein said name creating part creating a name of each section, said name comprising the name of the document and an index having an attribute of order 15 and of a type specified by said specifying part.

20 18. The system as claimed in claim 16 further comprising:

a selecting part for an operator to select an index type from a list of index types,

25 wherein said name creating part creating a name of each section, said name comprising the name of

the document and an index having an attribute of order and of a type selected by said selecting part.

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19. The system as claimed in claim 16,
further comprising:

a setting part setting instructions for
10 creating names of sections when documents are coupled,
wherein said name creating part creates a name
of each section of plurality of sections of a document,
said name comprising a name of said document obtained
from coupling of documents, when the instructions for
15 creating names of sections when documents are coupled
are set by said setting part.

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20. A document management system comprising:
a managing part managing a plurality of
documents each comprising one or a plurality of
sections; and
25 a naming part naming each document obtained

from decomposing a source document using a name of a section of the document obtained from decomposing the source document,

where the name of the section comprises a name
5 of said source document and an index having an attribute of order.

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21. A document management system comprising:
a managing part managing a plurality of documents each comprising one or a plurality of sections; and

15 a searching part searching for documents using a type of index,

where each document has a name comprising an index having an attribute of order.

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22. The system as claimed in claim 21, further comprising:

25 a specifying part for an operator to specify a

name indicating an attribute of document and a type of index.

wherein said searching part performs search in accordance with an item specified through said 5 specifying part.

10 23. The system as claimed in claim 21, further comprising:

a dividing part dividing a document name into an index and the remainder,

wherein said searching part performs search in 15 accordance with an item obtained from said dividing part.

20 24. The system as claimed in claim 22, further comprising:

a sorting part sorting names of the documents obtained from said searching part in order of index; and 5 a coupling part coupling the documents in 25 order of the result obtained from said sorting part.

25. The system as claimed in claim 24,
further comprising:

a naming part naming the document obtained
from said coupling part using the remainder of deletion
5 of the index from a name of a section included in said
document.

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26. A document management method comprising
the steps of:

managing a plurality of documents each
comprising one or a plurality of sections; and
15 creating a name of each section of plurality
of sections of a document, said name comprising a name
of said document.

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27. The method as claimed in claim 26,
further comprising the step of:

specifying an index type,
25 wherein said name creating step creating a

name of each section, said name comprising the name of the document and an index having an attribute of order and of a type specified by said specifying step.

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28. The method as claimed in claim 26 further comprising the step of:

10 selecting an index type from a list of index types,

 wherein said name creating step creating a name of each section, said name comprising the name of the document and an index having an attribute of order and of a type selected by said selecting step.

20 29. The method as claimed in claim 26, further comprising the step of:

 setting instructions for creating names of sections when documents are coupled,

 wherein said name creating step creates a name 25 of each section of plurality of sections of a document,

said name comprising a name of said document obtained from coupling of documents, when the instructions for creating names of sections when documents are coupled are set by said setting step.

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30. A document management method comprising
10 the steps of:

managing a plurality of documents each comprising one or a plurality of sections; and
naming each document obtained from decomposing a source document using a name of a section of the
15 document obtained from decomposing the source document,
where the name of the section comprises a name of said source document and an index having an attribute of order.

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31. A document management method comprising
the steps of:

25 managing a plurality of documents each

comprising one or a plurality of sections; and
searching for documents using a type of index,
where each document has a name comprising an
index having an attribute of order.

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32. The method as claimed in claim 31,
10 further comprising the step of:
specifying a name indicating an attribute of
document and a type of index,
wherein said searching step performs search in
accordance with an item specified through said
15 specifying step.

20 33. The method as claimed in claim 31,
further comprising the step of:
dividing a document name into an index and the
remainder,
wherein said searching step performs search in
25 accordance with an item obtained from said dividing step.

34. The method as claimed in claim 32,
further comprising the steps of:

sorting names of the documents obtained from
said searching step in order of index; and

5 coupling the documents in order of the result
obtained from said sorting step.

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35. The method as claimed in claim 34,
further comprising the step of:

naming the document obtained from said
coupling step using the remainder of deletion of the
15 index from a name of a section included in said document.

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36. A computer-readable recording medium
having programs recorded therein, said programs causing
a computer to function as:

means for managing a plurality of documents
each comprising one or a plurality of sections; and

25 means for creating a name of each section of

plurality of sections of a document, said name comprising a name of said document.

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37. The recording medium as claimed in claim 36, further having a program recorded therein, said program causing the computer to further function as:

10 means for specifying an index type,
wherein said name creating means creates a name of each section, said name comprising the name of the document and an index having an attribute of order and of a type specified by said specifying means.

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38. The recording medium as claimed in claim 36 further having a program recorded therein, said program causing the computer to further function as:

means for selecting an index type from a list of index types,
wherein said name creating means creates a name of each section, said name comprising the name of

the document and an index having an attribute of order and of a type selected by said selecting means.

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39. The recording medium as claimed in claim 36, further having a program recorded therein, said program causing the computer to further function as:

10 means for setting instructions for creating names of sections when documents are coupled, wherein said name creating means creates a name of each section of plurality of sections of a document, said name comprising a name of said document 15 obtained from coupling of documents, when the instructions for creating names of sections when documents are coupled are set through said setting means.

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40. A compute-readable recording medium having programs recorded therein, said programs causing a computer to function as:

25 means for managing a plurality of documents

each comprising one or a plurality of sections; and
means for naming each document obtained from
decomposing a source document using a name of a section
of the document obtained from decomposing the source
5 document,

where the name of the section comprises a name
of said source document and an index having an attribute
of order.

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41. A compute-readable recording medium
having programs recorded therein, said programs causing
15 a computer to function as:

means for managing a plurality of documents
each comprising one or a plurality of sections; and
means for searching for documents using a type
of index,

20 where each document has a name comprising an
index having an attribute of order.

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42. The recording medium as claimed in claim
41, further having a program recorded therein, said
program causing the computer to further function as:

means for specifying a name indicating an
5 attribute of document and a type of index,
wherein said searching means performs search
in accordance with an item specified through said
specifying means.

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43. The recording medium as claimed in claim
41, further having a program recorded therein, said
15 program causing the computer to further function as:

means for dividing a document name into an
index and the remainder,
wherein said searching means performs search
in accordance with an item obtained from said dividing
20 means.

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44. The recording medium as claimed in claim

42, further having programs recorded therein, said programs causing the computer to further function as:

means for sorting names of the documents obtained from said searching means in order of index;

5 and

means for coupling the documents in order of the result obtained from said sorting means.

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45. The recording medium as claimed in claim 44, further having a program recorded therein, said program causing the computer to further function as:

15 means for naming the document obtained from said coupling means using the remainder of deletion of the index from a name of a section included in said document.

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46. An integrating document management system comprising:

25 a managing part managing a plurality of

documents managed by a plurality of databases,
respectively, each document comprising one or a
plurality of sections; and

5 a part creating a name of each section of
plurality of sections of a document, said name
comprising a name of said document.

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47. An integrating document management system
comprising:

15 a managing part managing a plurality of
documents managed by a plurality of databases,
respectively, each document comprising one or a
plurality of sections; and

20 a naming part naming each document obtained
from decomposing a source document using a name of a
section of the document obtained from decomposing the
source document,

where the name of the section comprises a name
of said source document and an index having an attribute
of order.

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48. An integrating document management system comprising:

 a managing part managing a plurality of documents managed by a plurality of databases, respectively, each document comprising one or a plurality of sections; and

 a searching part searching for documents using a type of index,

 where each document has a name comprising an index having an attribute of order.

15 49. An integrating document management method comprising the steps of:

 managing a plurality of documents managed by a plurality of databases, respectively, each document comprising one or a plurality of sections; and

20 creating a name of each section of plurality of sections of a document, said name comprising a name of said document.

50. An integrating document management method comprising the steps of:

managing a plurality of documents managed by a plurality of databases, respectively, each document

5 comprising one or a plurality of sections; and

naming each document obtained from decomposing a source document using a name of a section of the document obtained from decomposing the source document,

wherein the name of the section comprises a

10 name of said source document and an index having an attribute of order.

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51. An integrating document management method comprising the steps of:

managing a plurality of documents managed by a plurality of databases, respectively, each document

20 comprising one or a plurality of sections; and

searching for documents using a type of index, wherein each document has a name comprising an index having an attribute of order.

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52. A computer-readable recording medium having programs recorded therein, said programs for causing a computer to function as:

means for managing a plurality of documents
5 managed by a plurality of databases, respectively, each document comprising one or a plurality of sections; and means for creating a name of each section of plurality of sections of a document, said name comprising a name of said document.

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53. A compute-readable recording medium
15 having programs recorded therein, said programs causing a computer to function as:

means for managing a plurality of documents managed by a plurality of databases, respectively, each document comprising one or a plurality of sections; and
20 means for naming each document obtained from decomposing a source document using a name of a section of the document obtained from decomposing the source document,

wherein the name of the section comprises a
25 name of said source document and an index having an

attribute of order.

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54. A compute-readable recording medium having programs recorded therein, said programs causing a computer to function as:

means for managing a plurality of documents
10 managed by a plurality of databases, respectively, each document comprising one or a plurality of sections; and
means for searching for documents using a type
of index,

wherein each document has a name comprising an
15 index having an attribute of order.